

Amendments to the Specification:

Please amend the first paragraph as follows:

[0001] This is a continuation-in-part of co-pending U.S. patent application serial number 09/939,987 filed August 27, 2001, now U.S. Patent No. 6,661,343, the entirety of which is incorporated herein by reference.

Please amend the titles as follows:

FIELD OF THE [INVENTION] TECHNOLOGY

BACKGROUND OF THE [INVENTION] TECHNOLOGY

SUMMARY OF THE [INVENTION] PREFERRED EMBODIMENTS

Please amend paragraph [0008] as follows:

[0008] An object that can be sensed by a motion detector is equipped with a small, battery powered device, such as a transmitter, that can transmit an authorization signal. A motion detector is equipped with (either internally or externally, and/or integrally, or by way of an adapter), or otherwise associated with, a receiver capable of receiving the authorization signal. Receipt of the authorization signal by the receiver either prevents the motion detector from sensing IR (and hence prevents the detection of motion and the generation of a breach indication by the motion detector), prevents the detection of motion, prevents the generation of a breach indication by the motion detector, or prevents the motion detector from providing the breach indication from causing an alarm (e.g., by preventing the breach indication from reaching the alarm panel). All of the foregoing represent a form of preventing the motion detector from providing the breach indication.

Please amend paragraph [0025] as follows:

[0025] In accordance with the invention, motion detector 10 is modified, equipped and/or fitted with a first transceiver 14 that cooperates with a second, compact, battery powered transceiver 16. Transceiver 16 is preferably a transponder. Examples of transceivers 14 and transponders 16, and systems suitable for the present invention, are described in U.S. Patent Nos. 5,351,052; 5,453,747 and 5,053,774, and also in U.S. Patent Nos. 6,236,314; 6,026,868 and 5,605,182, all of which are incorporated herein by reference. Commercial implementations of such devices can be found in so-called "Easy

Pass" traffic/toll systems and in the Mobil Speed Pass system promoted by Mobil Oil Corporation (www.speedpass.com). As is well known, such transponders are essentially a transceiver that automatically responds to receipt of an appropriate signal by transmitting its own signal to[.], e.g., identify itself or its presence. The term "authorization signal" is used herein to refer to the signal transmitted from the transponder 16 and the term "query signal" is used to refer to the signal to which the transponder is responsive to transmit the authorization signal. Both the query signal and the authorization signal may transmit on a unique frequency and/or using a unique code.

Please amend paragraph 0035 as follows:

[0035] As shown in Figure 7, a shutter 34 is disposed over the sensing window 36 of motion detector 10. The shutter is normally open so as to permit IR 38 from an object 20 to pass there-through. The shutter 34 may be any suitable device that is capable of being quickly closed so as to prevent processing circuitry 12 from detecting any motion of object 20, by preventing any substantial IR from object 20 from passing through the motion detector's sensing window 36. The shutter may be a fast acting mechanical shutter, or more preferably, is a liquid crystal film that allows passage of IR there-through when in one state (e.g., inactive or relaxed state) and prevents substantial passage of IR there-through when in another state (e.g., a light retarding or active state). Such liquid crystal film materials are well known. For example, the nematic liquid crystal retarder material used in the Meadowlark Optics' ShapeShifter™ Spatial Light Modulator (www.meadowlark.com/catalog/SLMs/slml.htm) or its functional equivalent may be employed. ~~Due to its~~ A flexible and resilient characteristic, a shutter, constructed, e.g., of a liquid crystal material that is bendable and that will easily conform to the profile of the sensing window 36[.], may also be employed. An adhesive material, tape, hook and latch fastener (such as Velcro®), or other fastening material, may be employed to affix the shutter to the body of the motion detector 10 over the sensing window 36.

Please amend paragraph [0036] as follows:

[0036] The shutter 34 is preferably disposed over the sensing window 36 in such a manner so as to prevent any substantial IR leakage into the sensing window when the shutter is closed. In the case of a liquid crystal material shutter, this can be easily accomplished by forming the [flexible] film to the shape of the sensing window, and/or using the fastening material (or other material such as foam), to prevent leakage therearound.